Robert E Johnson

List of Publications by Year
in descending order

29	2,881	394421 19	526287 27
papers	citations	h-index	g-index
29	29	29	2243
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel role of DNA polymerase Î» in translesion synthesis in conjunction with DNA polymerase Î¶. Life Science Alliance, 2021, 4, e202000900.	2.8	10
2	Structural basis of DNA synthesis opposite 8-oxoguanine by human PrimPol primase-polymerase. Nature Communications, 2021, 12, 4020.	12.8	18
3	Implications of inhibition of Rev1 interaction with Y family DNA polymerases for cisplatin chemotherapy. Genes and Development, 2021, 35, 1256-1270.	5.9	6
4	Structure and mechanism of B-family DNA polymerase Î¶ specialized for translesion DNA synthesis. Nature Structural and Molecular Biology, 2020, 27, 913-924.	8.2	42
5	Genetic evidence for reconfiguration of DNA polymerase Î¸ active site for error-free translesion synthesis in human cells. Journal of Biological Chemistry, 2020, 295, 5918-5927.	3.4	7
6	Structural insights into mutagenicity of anticancer nucleoside analog cytarabine during replication by DNA polymerase Î·. Scientific Reports, 2019, 9, 16400.	3.3	5
7	Cryo-EM structure and dynamics of eukaryotic DNA polymerase Î´ holoenzyme. Nature Structural and Molecular Biology, 2019, 26, 955-962.	8.2	40
8	Mechanism of error-free DNA synthesis across N1-methyl-deoxyadenosine by human DNA polymerase-Î¹. Scientific Reports, 2017, 7, 43904.	3.3	11
9	Human DNA polymerase Î± in binary complex with a DNA:DNA template-primer. Scientific Reports, 2016, 6, 23784.	3.3	36
10	Structure and mechanism of human PrimPol, a DNA polymerase with primase activity. Science Advances, 2016, 2, e1601317.	10.3	65
11	Response to Burgers etÂ al.. Molecular Cell, 2016, 61, 494-495.	9.7	7
12	A Major Role of DNA Polymerase Î´ in Replication of Both the Leading and Lagging DNA Strands. Molecular Cell, 2015, 59, 163-175.	9.7	170
13	Crystal Structure of Yeast DNA Polymerase Îµ Catalytic Domain. PLoS ONE, 2014, 9, e94835.	2.5	42
14	An Ironâ€"Sulfur Cluster in the Polymerase Domain of Yeast DNA Polymerase Îµ. Journal of Molecular Biology, 2014, 426, 301-308.	4.2	41
15	The architecture of yeast DNA polymerase zeta (927.2). FASEB Journal, 2014, 28, 927.2.	0.5	0
16	Pol31 and Pol32 subunits of yeast DNA polymerase Î´ are also essential subunits of DNA polymerase Î¶. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12455-12460.	7.1	159
17	Structural Basis for Error-free Replication of Oxidatively Damaged DNA by Yeast DNA Polymerase Î·. Structure, 2010, 18, 1463-1470.	3.3	29
18	Structural basis for the suppression of skin cancers by DNA polymerase Î·. Nature, 2010, 465, 1039-1043.	27.8	136

#	Article	IF	Citations
19	Structural basis of high-fidelity DNA synthesis by yeast DNA polymerase Î´. Nature Structural and Molecular Biology, 2009, 16, 979-986.	8.2	236
20	Human DNA Polymerase Îº Encircles DNA: Implications for Mismatch Extension and Lesion Bypass. Molecular Cell, 2007, 25, 601-614.	9.7	214
21	Global Disease Eradication, the Race for the Last Child. Cynthia A. Needham and Richard Canning. Global Disease Eradication, the Race for the Last Child . Cynthia A. Needham and Richard Canning . 2003. 196 pages. ASM Press, Washington, D.C. ISBN 1-55581-2252. $29.95. Vector-Borne and Zoonotic Diseases, 2006, 6, 434-434.	1.5	0
22	Yeast and Human Translesion DNA Synthesis Polymerases: Expression, Purification, and Biochemical Characterization. Methods in Enzymology, 2006, 408, 390-407.	1.0	48
23	EUKARYOTIC TRANSLESION SYNTHESIS DNA POLYMERASES: Specificity of Structure and Function. Annual Review of Biochemistry, 2005, 74, 317-353.	11.1	919
24	Hoogsteen base-pairing in DNA replication? (reply). Nature, 2005, 437, E7-E7.	27.8	4
25	Distinct mechanisms of cis-syn thymine dimer bypass by Dpo4 and DNA polymerase Â. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12359-12364.	7.1	30
26	Biochemical evidence for the requirement of Hoogsteen base pairing for replication by human DNA polymerase Â. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10466-10471.	7.1	75
27	Structure of the Catalytic Core of S. cerevisiae DNA Polymerase Î·. Molecular Cell, 2001, 8, 417-426.	9.7	347
28	Requirement of DNA Polymerase Î· for Error-Free Bypass of UV-Induced CC and TC Photoproducts. Molecular and Cellular Biology, 2001, 21, 185-188.	2.3	129
29	Role of yeast Rth1 nuclease and its homologs in mutation avoidance, DNA repair, and DNA replication. Current Genetics, 1998, 34, 21-29.	1.7	55